

ABSTRACT

The invention relates to an isolated nucleic acid corresponding to BMP-2 regulatory region, or a fragment thereof comprising an estrogen responsive element, vector comprising the same and cells, which comprises said vector. In
5 another embodiment, the invention provides methods of identifying an estrogen agonist, antagonist and a therapeutic agent in another embodiment the invention provides methods of treating conditions which are associated with estrogen insufficiency or with lack of response to external estrogen or agonists thereof.

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